

Contents Volume 135, 2000

Preface

Sedimentary features of seismites, seismo-turbidites and tsunamiites—an introduction

T. Shiki, M. B. Cita and D. S. Gorsline vii

Seismoturbidites

Sedimentary features of seismoturbidites triggered by the 1983 and older historical earthquakes in the eastern margin of the Japan Sea

T. Nakajima and Y. Kanai 1

Seismically triggered turbidites in small margin basins: Alfonso Basin, Western Gulf of California and Santa Monica Basin, California Borderland

D. S. Gorsline, T. De Diego and E. H. Nava-Sanchez 21

Sedimentary features of the seismo-turbidites, Lake Biwa, Japan

T. Shiki, F. Kumon, Y. Inouchi, Y. Kontani, T. Sakamoto, M. Tateishi, H. Matsubara and K. Fukuyama 37

The Hilt Bed, an Upper Cretaceous compound basin–plain seismoturbidite in the Hornbrook Forearc Basin of southern Oregon and northern California, USA

T. H. Nilsen 51

Acoustic facies of Holocene megaturbidites in the Eastern Mediterranean

M. Rebesco, B. Della Vedova, L. Cernobori and G. Aloisi 65

Low sea-level stand emplacement of megaturbidites in the western and eastern Mediterranean Sea

R. G. Rothwell, M. S. Reeder, G. Anastasakis, D. A. V. Stow, J. Thomson and G. Kähler 75

Transparent layers in seismic reflection records from the central Ionian Sea (Mediterranean)—evidence for repeated catastrophic turbidite sedimentation during the Quaternary

W. Hieke 89

Seismites

Seismic deformation structures of the post-2300 a BP muddy sediments in Kawachi lowland plain, Osaka, Japan

J.-i. Matsuda 99

Soft-sediment deformation structures interpreted as seismites in lacustrine sediments of the Prebetic Zone, SE Spain, and their potential use as indicators of earthquake magnitudes during the Late Miocene

M. A. Rodríguez-Pascua, J. P. Calvo, G. De Vicente and D. Gómez-Gras 117

Deciphering the sedimentological imprint of paleoseismic events: an example from the Aptian Codó Formation, northern Brazil

D. F. Rossetti and A. M. Góes 137

A new phenomenon in ancient liquefaction—the draw-in process, its final stage

N. Takahama, T. Otsuka and B. Brahmantyo 157

Soft-sediment deformation structures interpreted as seismites in middle-late Pleistocene aeolian deposits (Apulian foreland, southern Italy)

M. Moretti 167

Tsunamiites

Deep-sea tsunami deposits triggered by the explosion of Santorini (3500 y BP), eastern Mediterranean

M. B. Cita and G. Aloisi 181

The Augias megaturbidite in the central Ionian Sea (central Mediterranean) and its relation to the Holocene Santorini event W. Hieke and F. Werner	205
Tsunami deposits in Holocene bay mud in southern Kanto region, Pacific coast of central Japan O. Fujiwara, F. Masuda, T. Sakai, T. Irizuki and K. Fuse	219
Depositional facies and sedimentary successions of earthquake-induced tsunami deposits in Upper Pleistocene incised valley fills, central Japan Y. Takashimizu and F. Masuda	231
Sedimentary record of the 1872 earthquake and "Tsunami" at Owens Lake, southeast California J. P. Smoot, R. J. Litwin, J. L. Bischoff and S. J. Lund	241
Sedimentary differences between the 1993 Hokkaido-nansei-oki tsunami and the 1959 Miyakojima typhoon at Taisei, southwestern Hokkaido, northern Japan F. Nanayama, K. Shigeno, K. Satake, K. Shimokawa, S. Koitabashi, S. Miyasaka and M. Ishii	255
Tsunami-related scour-and-drape undulations in Middle Pliocene restricted-bay carbonate deposits (Salento, south Italy) F. Massari and A. D'Alessandro	265
Bedforms produced by impact-generated tsunami, ~2.6 Ga Hamersley basin, Western Australia S. W. Hassler, H. F. Robey and B. M. Simonson	283
Origin of the Peñalver Formation in northwestern Cuba and its relation to K/T boundary impact event H. Takayama, R. Tada, T. Matsui, M. A. Iturralde-Vinent, T. Oji, E. Tajika, S. Kiyokawa, D. Garcia, H. Okada, T. Hasegawa and K. Toyoda	295

